

Amendments to the Specification:

Please amend Table 1 beginning at page 22, line 6, as follows:

| | Oligo name | Sequence 5'-3' |
|---------|------------|---|
| Primers | F16E7 | AGCTCAGAGGAGGAGGATGAA (SEQ ID NO:1) |
| | R16E7 | GGTTACAATATTGTAATGGGCTC (SEQ ID NO:2) |
| | F31E6 | ACGATTCCACAACATAGGAGGA (SEQ ID NO:3) |
| | R31E6 | TACACTTGGGTTTCAGTACGAGGT (SEQ ID NO:4) |
| | F18E1 | CATTTTGTGAACAGGCAGAGC (SEQ ID NO:5; SEQ ID NO:6) |
| | R18E1 | ACTTGTGCATCATTGTGGACC (SEQ ID NO:7) |
| | R45E1 | CAACACCTGTGCATCATTCTGA (SEQ ID NO:8) |
| | F35E4 | ACCAAAGCCTGCTCCGTG (SEQ ID NO:9) |
| | R35E4 | AGTCGCACTCGCTTGGTG (SEQ ID NO:10) |
| | F39E7 | CGAGCAATTAGGAGAGTCAGAGGA (SEQ ID NO:11) |
| | R39E7 | CTGTGGTTCATCCCGTCTGG (SEQ ID NO:12) |
| | R3352L1 | CGTCGCAGGCGTAAACGT (SEQ ID NO:13; SEQ ID NO:14) |
| | R33L1 | ACAGGAGGCAGGTACACTGTGG (SEQ ID NO:15) |
| | F58L1 | TGCGTCGCAGACGTAAACGT (SEQ ID NO:16) |
| | R5258L1 | ACAGGAGGCAGGTACACAGTGG (SEQ ID NO:17; SEQ ID NO:18) |
| | Hm900 | GCCTGCAGTTTGAAATCAGTG (SEQ ID NO:19) |
| | Hm1018 | CGGGACGGGCTTTAGCTAT (SEQ ID NO:20) |

Please amend Table 2 beginning at page 23, line 4, as follows:

| Probes | | | 5' <u>flourophore</u> <u>fluorophore</u> | 3' <u>flourophore</u> <u>fluorophore</u> |
|--------|------------|--|---|---|
| | Pb16E7 | CCAGCTGGACAAGCAGAACCGG (SEQ ID NO:21) | FAM | TAMRA |
| | Pb31E6 | CTCCAACATGCTATGCAACGTCC (SEQ ID NO:22) | TET | TAMRA |
| | Pb1845E1 | AGAGACAGCACAGGCATTGTTCCATG (SEQ ID NO:23; SEQ ID NO:24) | VIC | TAMRA |
| | Pb335258L1 | AGATGTCCGTGTGGCGGCCTAG (SEQ ID NO:27; SEQ ID NO:28; SEQ ID NO:29) | FAM | TAMRA |
| | Pb39E7 | AACCCGACCATGCAGTTAATCACCAAC (SEQ ID NO:26) | TET | TAMRA |
| | Pb35E4 | CAGAAGACAAATCACAAACGACTTCGAGGG (SEQ ID NO:25) | VIC | TAMRA |
| | PbHm | TGGAAGCTAATGGGAAGCCCAGTACC (SEQ ID NO:30) | VIC | TAMRA |